

LED Indicator TX³

Cat N°(s) : 6 040 77, 6 040 78, 6 040 79



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1. DESCRIPTION - USE

Symbol:



Technology :

. LED indicator 250 V~

Use :

Indicator lamp to display a clear indication on the status of a circuit, an associated device or for phase monitoring.

2. RANGE

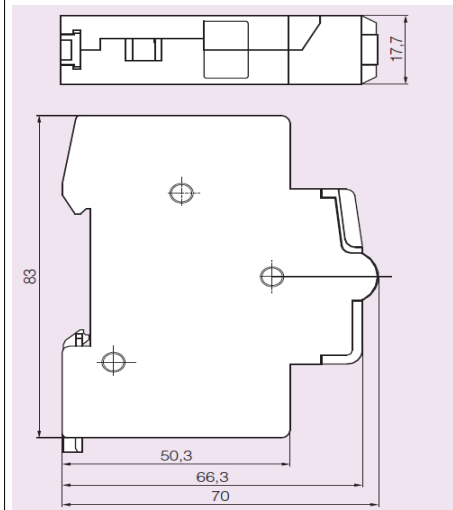
. **Operating voltage** : 250 V~

- . Green Led indicator Cat n° 6 040 77
- . Red Led indicator Cat n° 6 040 78
- . Orange Led indicator Cat n° 6 040 79

Polarity:

. Connection on Neutral or Line doesn't matter .

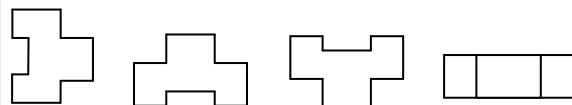
3. OVERALL DIMENSIONS



4. PREPARATION – CONNECTION

Operating positions :

Vertical Horizontal Upside down On the side



Mounting :

. On symmetrical rail acc. to EN 60715 (DIN rail 35 mm).

Power supply :

. Either from the top or the bottom.

4. PREPARATION – CONNECTION *(continued)***Recommended Tools :**

- . For the terminals screw: screwdriver isolated or not with 4 mm blade or Posidriv no. 1 screwdriver.
- . For attaching or removing the DIN rail : screwdriver with 5.5 mm blade max or Posidriv no. 1 screwdriver.

Connection :

- Screw terminals:
- . Type of terminal: caged
- . Terminal depth: 10 mm
- . Screw head : mixed M3, slotted 4mm and Pozidriv n°1
- . Tightening torques : mini 0.5 Nm; maxi 0.8 Nm ; recommended 0.6 Nm

Connectable section (copper cables) :

- . Rigid : 1 x (0,75 à 4 mm²) ou 2 x (0,75 à 2,5 mm²)
- . Flexible wire without ferrule: 1 x (0,75 à 4 mm²) or 2 x (0,75 à 2.5mm²)
- . Flexible wire with ferrule: 1 x (0,75 à 4 mm²)
- . Flexible wire with double ferrule: 2 x (0,75 à 2.5 mm²)

5. GENERAL CHARACTERISTICS**Marking :**

By permanent ink pad printing

- front side

- upper side

TX³



250V ~

**Rated voltage :**

- . 250 V ~

Rated insulating voltage :

- . 250 V ~

Rated impulse withstand voltage :

- . Uimp 4 kV (1,2/50µs wave)

Rated frequency :

- . 50/60 Hz with standard tolerance

Indicator light :

- . Technology : LED lamps
- . Color of the transparent plastic window: green, red, orange (in accordance with the cat. N°).

Degree of pollution:

- . 2 in accordance with standard CEI 60664-1

Protection class:

- . Terminals protected against direct contact (wired device): IP2X according to IEC 529 – EN 60529 et NF C 20-010
- . Class of protection against solid objects and liquids (wired device): IP40 according to IEC 529 – EN 60529 et NF C 20-010
- . Protection against shocks: IK04 according to EN 62262.
- . Class II, front panel with faceplate.

5. GENERAL CHARACTERISTICS *(continued)***Plastic materials :**

- . Duroplasts UREA , light gray color RAL 7035.

Ambient temperatures :

Operating : from - 25 °C to + 70°C

Storage : from - 40 °C to + 70 °C.

Enclosure heat and fire resistance :

Resistance to glow wire tests at 960°C / 30 s, according to standard IEC 60695-2-10 & 60695-2-11.

Power dissipated :

0,55 W - 230 V 50 Hz

Average unit weight :

52,83 g

Volume when packed :

	packaging	Volume (dm ³)
1 module	by 12	1.86

Sinusoidal vibration resistance (in accordance with EN 68.2.6):

- . Axes : x – y – z
- . Frequency : 10 to 55 Hz,
- . Amplitude : 0,5 mm
- . Exposure time of 30 minutes (in each axis).

6. CONFORMITY AND APPROVALS**In accordance with standard :**

EN/IEC 60947-5-1, EN 62094-1

Environment respect – Compliance with CEE directives :

Compliance with Directive 2002/95/EC of 27/01/03 known as "RoHS" which provides for a restriction on the use of dangerous substances such as lead, mercury, cadmium, hexavalent chromium and polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) brominated flame retardants from 1st July 2006
Compliance with the Directive 91/338/EEC of 18/06/91 and decree 94-647 of 27/07/04.

Compliant with regulation REACH.

Packaging :

. Design and manufacture of packaging in accordance with Decree 98-638 of 07.20.98 and Directive 94/62/EC.

Plastic materials :

- . Halogens-free plastic materials.
- . Marking of parts according to ISO 11469 and ISO 1043.